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A-66900 / DDB, RMS
APRIL 08, 1999

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FLEHR HOHBACH TEST ALBRITTON & HERBERT
LLP
ROBIN M. SILVA
FOUR EMBARCADERO CENTER, SUITE 3400
SAN FRANCISCO, CA 94111-4187

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
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CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/04/1999

REEL/FRAME: 9676/0772
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
ANDERSON, DAVID

DOC DATE: 12/10/1998

ASSIGNOR:
BOGENBERGER, JAKOB MARIA

DOC DATE: 12/17/1998

ASSIGNEE:
RIGEL PHARMACEUTICALS, INC.
772 LUCERNE DRIVE
SUNNYVALE, CALIFORNIA 94086

SERIAL NUMBER: 09169015
PATENT NUMBER:

FILING DATE: 10/08/1998
ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

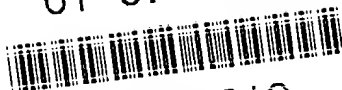
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Patent and Trademark Office

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PATENTS ONLY

RM PTO-1595
31-92

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents
copy thereof.

1. Name of conveying party(ies):

DAVID ANDERSON
JAKOB MARIA BOGENBERGERAdditional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: DECEMBER 10 & 17, 1998

2. Name and address of receiving party(ies):
Name: RIGEL PHARMACEUTICALS,

Internal Address:

Street Address: 772 LUCERNE DRIVE

City: SUNNYVALE

State: CA Zip: 94086

Additional name(s) & address(es) attached?
☐ Yes ☒ No4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:A. Patent Application No.(s)
09/169,015

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: ROBIN M. SILVA

Internal Address: FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLPStreet Address: SUITE 3400
FOUR EMBARCADERO CENTER

City: SAN FRANCISCO

State: CA

Zip: 94111-4187

6. Total number of applications
and patents involved: ONE

7. Total fee (37 CFR 3.41):\$ 40.00

☒ Enclosed☐ Authorized to be charged to
deposit account8. Deposit account number: 06-1300
Please debit any underpayment or credit any
overpayment to the above deposit account.Our Order No. A-66900/DJB/RMS
(Attach duplicate of this page if paying by depos
account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

ROBIN M. SILVA

Name of Person Signing

Robin M. Silva

Signature

12/23/98

Date

Total number of pages including cover sheet, attachments and document: [5]

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

File No. A-66900/DJB/RMS

Rev. 8/93

605194

ASSIGNMENT

(NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned,

(1) DAVID ANDERSON, (2) JAKOB MARIA BOGENBERGER,
(hereinafter termed "Inventors"), residents of
(1) SAN BRUNO, (2) MENLO PARK,
respectively, Counties of
(1) SAN MATEO, (2) SAN MATEO,
respectively, States of
(1) CALIFORNIA, (2) CALIFORNIA,
respectively, have invented certain new and useful improvements in
GREEN FLUORESCENT PROTEIN FUSIONS WITH RANDOM PEPTIDES
and have executed an application for a United States patent disclosing and
identifying the invention on the _____ day of _____, 1998; and
having Serial No. 09/169,015 and filing date of OCTOBER 8, 1998; and

WHEREAS, RIGEL PHARMACEUTICALS, INC.
a corporation of the State of CALIFORNIA, having a place of business
at 772 LUCERNE DRIVE, SUNNYVALE, State of CALIFORNIA 94086,
(hereinafter termed "Assignee"), is desirous of acquiring the entire right,
title and interest in and to said application and the invention disclosed
therein, and in and to all embodiments of the invention, heretofore conceived,
made or discovered jointly or severally by said Inventors (all collectively
hereinafter termed "said invention"), and in and to any and all patents,
inventor's certificates and other forms of protection (hereinafter termed
"patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration
acknowledged by said Inventors to have been received in full from said
Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said
Assignee, the entire right, title and interest (a) in and to said application
and said invention; (b) in and to all rights to apply for foreign patents on
said invention pursuant to the International Convention for the Protection of
Industrial Property or otherwise; (c) in and to any and all applications filed
and any and all patents granted on said invention in the United States or any

foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee this
(1) 10th day of December, 1998, (2) 17th day of December, 1998,
respectively.

(1) David Anderson
DAVID ANDERSON

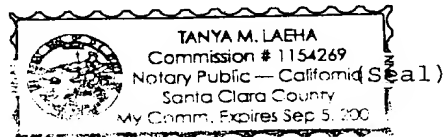
(2) Jakob Maria Bogenberger
JAKOB MARIA BOGENBERGER

County of Santa Clara,)
State of California,) ss.
)

On this 10th day of December, in the year 1998, before me,
Tanya M. Laeha, Notary Public of the State of
California, personally appeared DAVID ANDERSON, personally
known to me (or proved to me on the basis of satisfactory evidence) to be
the person whose name is subscribed to the within instrument, and
acknowledged to me that he executed the same in his authorized capacity,
and that by his signature on the instrument the person, or the entity upon
behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Tanya M. Laeha

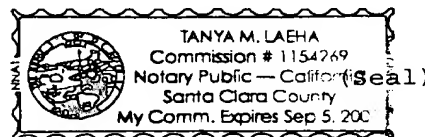


County of Santa Clara,)
State of California,) ss.
)

On this 17th day of December, in the year 1998, before me,
Tanya M. Laeha, Notary Public of the State of
California, personally appeared JAKOB MARIA BOGENBERGER,
personally known to me (or proved to me on the basis of satisfactory
evidence) to be the person whose name is subscribed to the within
instrument, and acknowledged to me that he executed the same in his
authorized capacity, and that by his signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the
instrument.

WITNESS my hand and official seal.

Signature Tanya M. Laeha





UNITED STATES DEPARTMENT OF COMMERCE
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Washington, D.C. 20231

JULY 03, 2001

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FLEHR HOHBACH TEST ALBRITTON & HERBERT
ROBIN M. SILVA
FOUR EMBARCADERO CENTER
SUITE 3400
SAN FRANCISCO, CA 94111-4187



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RECORDATION DATE: 04/16/2001

REEL/FRAME: 011708/0902
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
ANDERSON, DAVID

DOC DATE: 03/20/2001

ASSIGNOR:
PEELLE, BEAU

DOC DATE: 03/20/2001

ASSIGNEE:
RIGEL PHARMACEUTICALS, INC.
240 EAST GRAND AVENUE
SOUTH SAN FRANCISCO, CALIFORNIA

94080

SERIAL NUMBER: 09710058
PATENT NUMBER:

FILING DATE: 11/10/2000
ISSUE DATE:

011708/0902 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



101687566
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

DAVID ANDERSON and
BEAU PEELE

Additional name(s) of conveying
party(ies) attached? ☐ Yes

☒ No

2. Name and address of receiving party(ies):

Name: RIGEL PHARMACEUTICALS, INC.

Internal Address: _____

Street Address: 240 EAST GRAND AVENUE

City: SOUTH SAN FRANCISCO

State: CA

Zip: 94080

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other _____

Execution Date: MARCH 20, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/710,058

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: ROBIN M. SILVA

Internal Address: FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP

Street Address: SUITE 3400
FOUR EMBARCADERO CENTER

City: SAN FRANCISCO

State: CA Zip: 94111-4187

6. Total number of applications
and patents involved: ONE

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to
deposit account

8. Deposit account number: 06-1300

Please debit any underpayment or credit any
overpayment to the above deposit account.

Our File No. A-68531-1/RMS/SL

DO NOT USE THIS SPACE

ASSIGNMENT

WHEREAS, the undersigned,

(1) David Anderson, (2) Beau Peelle,

(hereinafter termed "Inventors"), residents of

(1) San Bruno, (2) San Francisco,

respectively, Counties of

(1) San Mateo, (2) San Francisco,

respectively, States of

(1) California, (2) California,

respectively, have invented certain new and useful improvements in

and have executed an application for a United States patent disclosing and identifying the invention having Serial No. 09/710,058 and filing date of November 10, 2000; and

WHEREAS, Rigel Pharmaceuticals, Inc., a corporation of the State of Delaware, having a place of business at 240 East Grand Avenue, State of California, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.



2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

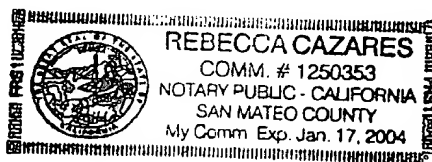
Date: March 20, 2001 (1) David Anderson
David Anderson

County of San Mateo)
) ss.
State of California)

On this 20 day of March, in the year 2001, before me, Rebecca Cazares, Notary Public of the State of California, personally appeared (1) David Anderson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Rebecca Cazares
Signature



(Seal)

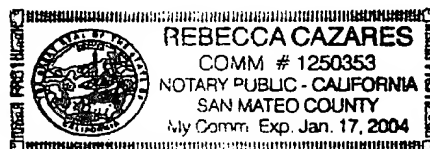
Date: March 16, 2001 (2) Beau Peelle
March 20, 2001 BP Beau Peelle

County of ~~San Francisco~~ San Mateo)
) ss.
State of California)

On this 20 day of March, in the year 2001, before me, Rebecca Cazares, Notary Public of the State of California, personally appeared (2) Beau Peelle, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Rebecca Cazares
Signature



(Seal)